

ABSTRACT OF THE DISCLOSURE

A plane antenna of the present invention gives the realization of a surface mounting construction on a circuit base board, the enlargement of a mounting area for components, and the improvement of an SN ratio by avoiding the influence of a noise from a back face side of the mounting base board. The plane antenna mounted on the circuit base board has a dielectric substrate and a junction conductor, and realizes the surface mounting construction. The dielectric substrate is provided on the circuit base board, and an antenna pattern part is mounted on the dielectric substrate. To a feeding point of the antenna pattern part one end portion of the junction conductor is connected, and its the other end portion is connected to a feeding conductor of the circuit base board at a side of a mounting face of the antenna element of the circuit base board. According to a construction like this, the surface mounting construction on the circuit base board is realized.